FEDERAL ITEM IDENTIFICATION GUIDE

CAPSTANS, HOISTS, WINCHES, AND WINDLASSES

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Commander

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Table of Contents

GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

Index of Master Requirement Codes

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key
CAPSTAN	04586	A

A mechanical device containing a revolving head or spool, vertically mounted, around which one or more turns of rope must be taken for exerting pulling power. The capstan may contain an auxiliary head or spool.

CAPSTAN, TAPE DRIVE	35557	A

The driven spindle or shaft, in an instrument such as tape recorder which rotates against the tape, pulling it through the machine at a constant speed during operation.

HOIST, CHAIN	04587	B

A device designed to be suspended above deck, floor or ground level having one or more revolving whelped wheels over which a chain is passed for the purpose of raising or lowering a load. May be suspended so as to travel on a fixed track.

HOIST, WIRE ROPE	04588	C

A device designed to be suspended above deck, floor or ground level having one or more revolving steel grooved drums around which wire rope is wound for the purpose of raising or lowering a load. May be suspended so as to travel on a fixed track.

HOISTING UNIT, PORTABLE, GUIDED MISSILE	22124	A

An item consisting of a supporting frame with integral hoist and/or winch. It may include sling(s) and/or hoisting adapter(s). Designed for joining a missile section and handling missile equipment.

SLEEVE, DRUM, WINCH	39826	L

A machine grooved cylindrical item designed to fit over a drum core. Grooves are designed to guide and shoulder the wire rope for proper cable spacing for layer to layer spooling.

WINCH, AIRCRAFT MOUNTED	19139	D

A powered unit with minimal handling designed to locate cargo and extricate downed personnel. It is located within a particular place of the main cargo area or in the cabin fuselage of a rescue aircraft. Excludes WINCH, DRUM, POWER OPERATED and WINCH, DRUM, VEHICLE MOUNTING.

WINCH, BOAT DAVIT	16976	E

A mechanical device having revolvable drum(s) powered by an electric motor, and designed for launching and retrieving boats. Incorporates features for hand operation, and gravity launching under control of a centrifugal brake. Excludes WINCH, DRUM, POWER OPERATED.

Approved Item Name	INC	App Key
WINCH, DRUM, HAND OPERATED	08654	F

A manually operated mechanical device having a horizontally mounted revolvable drum(s) on the periphery of which the end of a rope, line, or chain is secured for exerting a raising, lowering, or pulling motion. The device may also contain a revolvable head(s) or spool(s) (gypsy head) around which one or more turns must be taken for exerting pulling power. See also WINCH, GYPSY.

WINCH, DRUM, POWER OPERATED	04575	G

A power operated mechanical device having a horizontally mounted revolvable drum(s) on the periphery of which the end of a rope, line, or chain is secured for exerting a raising, lowering, or pulling motion. The device may also contain a revolvable head(s) or spool(s) (gypsy head) around which one or more turns must be taken for exerting pulling power. See also WINCH, GYPSY. It may include a power unit. Excludes those items designed for mounting on self-propelled vehicles.

WINCH, DRUM, VEHICLE MOUNTING	17674	H

A power operated mechanical device designed to be mounted on a self-propelled vehicle and driven by the vehicle power take-off or an integral power unit. The device has a horizontally mounted revolvable drum(s) on the periphery of which the end of a rope, line or chain is secured for exerting a raising, lowering, or pulling motion. The device may also contain a revolvable head(s) or spool(s) (gypsy head) around which one or more turns must be taken for exerting pulling power. See also WINCH, GYPSY. Excludes WINCH, DRUM, POWER OPERATED and WINCH, AIRCRAFT MOUNTED.

WINCH, GYPSY	04568	J

A mechanical device having a revolvable horizontally mounted head(s) or spool(s) (gypsy head) around which one or more turns of rope must be taken for exerting pulling power. The device may also have a vertically mounted head(s) but must not contain a drum(s) on the periphery of which a rope, line or chain is secured. See also WINCH, DRUM (as modified).

WINDLASS	05124	K

A base or deck mounted device having a revolvable whelped wheel(s) (wildcats) over which a chain is passed for raising and lowering a load. The device may have a revolvable head(s) or spool(s) (gypsy or capstan head(s)) around which one or more turns of rope must be taken for exerting power.

APPLICABILITY KEY INDEX

	A	B	C	D	E	F	G	H	J	K
NAME	X	X	X	X	X	X	X	X	X	X
APHE	X	X	X	X	X	X	X	X	X	X
AKDJ	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AAXH	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ACDC	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ELEC	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
FREQ	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
FAAZ	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AKPS	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AKNA	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ADZC	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
BFMF	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ATYG	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ADQX	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AAYP	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ANNG	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ATYH				X	X	X	X	X		
ATWD				X	X	X	X	X		
ATWE				X	X	X	X	X		
ATWF				X	AR	X	X	X		
ATWG	AR					AR	AR	AR	AR	AR
ATWH	AR					AR	AR	AR	AR	AR
AWFB	AR					AR	AR	AR	AR	AR
AWFC	AR					AR	AR	AR	AR	AR
AWFD	AR					AR	AR	AR	AR	AR
ATWJ	AR					AR	AR	AR	AR	AR
ATWK	AR					AR	AR	AR	AR	AR
ATWL										X
ATWM										X
ATWN	AR	AR	AR	AR	AR		AR	AR	AR	AR
ATWP	AR	AR	AR	AR	AR		AR	AR	AR	AR
ATWQ								AR		
ATWR	AR	AR	AR			AR			AR	AR
ATWS	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ATWT		X	X							
ATWW		X	X							
ATWX		AR	AR							
AJXY		X								X
AWRC		X								X
ATWZ						X				
AXJD	AR						AR	AR	AR	AR
ATXA							AR	AR	AR	
ATXB								X		
ATXC								X		
ATXD								X		
ATXE										X
AWEH		X	X							
AWEJ		AR	AR							

AGFF		AR	AR							
AWFF		AR	AR							
AWFG		AR	AR							
AWFH		AR	AR							
AWEK		AR	AR							
AWEL		AR	AR							
AGBP		AR	AR							
AWEW		AR	AR							
AYXK	AR	AR	AR			AR			AR	AR
BBJX		X	X							
AWEX								X		
AWEY								AR		
AWEZ								AR		
AWFA					X					
ACSY	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
FEAT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AJAF	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AJAG	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AJAH	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
BBRG	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AFJM	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
BBRJ	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AWFJ	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AWFK	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AEXS	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AEXT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AWFM	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AFJK	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
FCLS	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
FTLD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
TMDN	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
RTSE	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
RDAL	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
NTRD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AGAV	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CXCY	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
HZRD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR

	L
NAME	X
ATYH	X
ATWE	X
ATWF	AR
ATWG	AR
ATWH	AR
AWFB	AR
AWFC	AR
AWFD	AR
ATWJ	AR
ATWK	AR
ATWS	AR
AYXK	AR
ACSY	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AJAF	AR
AJAG	AR
AJAH	AR
BBRG	AR
AFJM	AR
BBRJ	AR
AWFJ	AR
AWFK	AR
AEXS	AR
AEXT	AR
AWFM	AR
AFJK	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZV	AR
AGAV	AR
CXCY	AR
HZRD	AR

SECTION I

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED04575*)

A, B, C, D, E, F, G, H, J, K

APHE	D	OPERATION METHOD

Definition: THE MEANS USED TO OPERATE THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APHEDAFF*; APHEDAAH$$DAAL*)

REPLY CODE	REPLY (AC58)
ABR	CASSETTE
AAL	ELECTRICAL
AFF	HAND
ABX	MAGNETIC TAPE
AAH	POWERED

NOTE FOR MRC AKDJ: REPLY TO THIS MRC IF REPLY CODE AAH IS ENTERED IN REPLY TO MRC APHE.

A*, B*, C*, D*, E*, F*, G*, H*, J*, K*(See Note Above)

AKDJ	D	PRIME MOVER TYPE

Definition: INDICATES THE TYPE OF PRIME MOVER INCLUDED WITH THE UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKDJDAD*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AG27)
AC	DIESEL ENGINE
AD	ELECTRIC MOTOR
AE	GASOLINE ENGINE
AH	HYDRAULIC MOTOR
AK	PNEUMATIC MOTOR (air)
AL	STEAM ENGINE

IF REPLY CODE AC OR AE IS ENTERED IN REPLY TO MRC AKDJ, REPLY TO MRCS AAXH, BFMF, AND ATYG. IF REPLY CODE AD IS ENTERED IN REPLY TO MRC AKDJ, REPLY TO MRCS AAXH, ACDC, AKPS, AKNA, ADZC, BFMF, AND ATYG. IF REPLY CODE AL IS ENTERED IN REPLY TO MRC AKDJ, REPLY TO MRCS AAXH, BFMF, ADQX, AAYP, AND ANNG. IF REPLY CODE AK OR AH IS ENTERED IN REPLY TO MRC AKDJ, REPLY TO MRCS AAXH, BFMF, AND ADQX.NOTE FOR MRC AAXH, ACDC, AKPS, AKNA, ADZC, BFMF, ATYG, ADQX, AAYP, AND ANNG: IF REPLY CODE AC OR AE IS ENTERED IN REPLY TO MRC AKDJ, REPLY TO MRCS AAXH, BFMF, AND ATYG. IF REPLY CODE AD IS ENTERED IN REPLY TO MRC AKDJ, REPLY TO MRCS AAXH, ACDC, AKPS, AKNA, ADZC, BFMF, AND ATYG.IF REPLY CODE AL IS ENTERED IN REPLY TO MRC AKDJ, REPLY TO MRCS AAXH, BFMF, ADQX, AAYP, AND ANNG. IF REPLY CODE AK OR AH IS ENTERED IN REPLY TO MRC AKDJ, REPLY TO MRCS AAXH, BFMF, AND ADQX.

A*, B*, C*, D*, E*, F*, G*, H*, J*, K*(See Note Above)

AAXH A PRIME MOVER QUANTITY

Definition: THE NUMBER OF PRIME MOVERS INCORPORATED IN THE UNIT.

Reply Instructions: Enter the quantity. (e.g., AAXHA2*)

A*, B*, C*, D*, E*, F*, G*, H*, J*, K* (See Note Preceding MRC AAXH)

ACDC D CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDC*)

REPLY CODE	REPLY (AB62)

APP Key	MRC	Mode Code	Requirements
		B	AC
		D	AC/DC
		C	DC

NOTE FOR MRCS ELEC, FREQ, AND FAAZ: REPLY TO THESE MRCS IF REPLY CODE B OR D IS ENTERED IN REPLY TO MRC ACDC. IF REPLY CODE C IS ENTERED IN REPLY TO MRC ACDC, REPLY TO MRC ELEC.

A*, B*, C*, D*, E*, F*, G*, H*, J*, K* (See Note Above)

ELEC B VOLTAGE IN VOLTS

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. (e.g., ELECB12.0*)

If multiple voltages are given for the same type of current, use AND coding ($$) entering the voltages in ascending order. (e.g., ELECB220.0$$B440.0*)

If multiple voltages given represent AC and DC currents, use AND CODING listing the AC voltage(s) first, regardless of value. (e.g., ELECBB12.0$$B110.0*)

A*, B*, C*, D*, E*, F*, G*, H*, J*, K* (See Note Preceding MRC ELEC)

FREQ B FREQUENCY IN HERTZ

Definition: THE CYCLES PER SECOND (HERTZ) OF THE ALTERNATING CURRENT.

Reply Instructions: Enter the numeric value. (e.g., FREQB50.0*)

If multiple frequencies are given use AND coding ($$), entering in ascending order. (e.g., FREQB50.0$$B400.0*)

A*, B*, C*, D*, E*, F*, G*, H*, J*, K* (See Note Preceding MRC ELEC)

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDA*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE

A*, B*, C*, D*, E*, F*, G*, H*, J*, K* (See Note Preceding MRC AAXH)

AKPS D DUTY CYCLE

Definition: THE WORKING PERIOD UNDER WHICH THE ITEM WAS DESIGNED TO OPERATE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKPSDE*)

REPLY CODE	REPLY (AD63)
E	CONTINUOUS
F	INTERMITTENT

A*, B*, C*, D*, E*, F*, G*, H*, J*, K* (See Note Preceding MRC AAXH)

AKNA D INCLOSURE TYPE

Definition: INDICATES THE TYPE OF INCLOSURE PROVIDED TO COAT, COVER, PROTECT, OR ENCASE THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKNADAE*)

REPLY CODE	REPLY (AG85)
A	ANY ACCEPTABLE
AH	FULLY INCLOSED
AE	OPEN
AP	PARTIALLY INCLOSED

A*, B*, C*, D*, E*, F*, G*, H*, J*, K* (See Note Preceding MRC AAXH)

ADZC D ENVIRONMENTAL PROTECTION

APP Key	MRC	Mode Code	Requirements

Definition: THE ENVIRONMENTAL ELEMENTS OR CONDITIONS THAT AN ITEM IS DESIGNED OR PROTECTED TO RESIST OR WITHSTAND SATISFACTORILY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADZCDCP*; ADZCDCP$$DBX*)

REPLY CODE	REPLY (AA65)
A	ANY ACCEPTABLE
GK	CORROSION RESISTANT
CR	DRIPPROOF
DQ	DUST-IGNITION PROOF
AAG	EXPLOSION PROOF
GP	FUNGUS RESISTANT
DR	OILPROOF
CP	SPLASH PROOF
DS	SPLASHTIGHT
FP	SPRAY TIGHT
CK	SUBMERSIBLE
AQ	WATERPROOF
BX	WATERTIGHT

A*, B*, C*, D*, E*, F*, G*, H*, J*, K* (See Note Preceding MRC AAXH)

BFMF D COOLING METHOD

Definition: THE MEANS OF COOLING USED TO MAINTAIN THE REQUIRED OPERATING TEMPERATURE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BFMFDAAE*)

REPLY CODE	REPLY (AN05)
AAB	AIR TO AIR COOLED
A	ANY ACCEPTABLE
AAY	BLOWER COOLED
AAZ	PIPE VENTILATED
AAE	SELF-VENTILATED
AAJ	WATER-AIR COOLED
AAH	WATER COOLED
ABA	WATER-HYDROGEN COOLED

APP Key	MRC	Mode Code	Requirements

A*, B*, C*, D*, E*, F*, G*, H*, J*, K* (See Note Preceding MRC AAXH)

ATYG J POWER REQUIREMENT RATING

Definition: THE POWER REQUIRED TO START AND OPERATE THE ITEM AT RATED CAPACITY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ATYGJH5.00*; ATYGJW49047.5*)

REPLY CODE	REPLY (AC33)
H	HORSEPOWER
W	WATTS

A*, B*, C*, D*, E*, F*, G*, H*, J*, K* (See Note Preceding MRC AAXH)

ADQX J POWER DRIVE OPERATING PRESSURE

Definition: THE PRESSURE REQUIRED TO ACTUATE THE POWER DRIVEN UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ADQXJG650.0*; ADQXJN550.0*)

REPLY CODE	REPLY (AB18)
C	KILOGRAMS PER SQUARE CENTIMETER GAGE
N	NEWTON PER SQUARE CENTIMETER
G	POUNDS PER SQUARE INCH GAGE

A*, B*, C*, D*, E*, F*, G*, H*, J*, K* (See Note Preceding MRC AAXH)

AAYP J EXHAUST PRESSURE

Definition: THE GAGE PRESSURE OF THE EXPANDED STEAM AFTER DRIVING THE PRIME MOVER.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AAYPJG150.0*; AAYPJN50.0*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA95)
B	KILOGRAMS PER SQUARE CENTIMETER GAGE
N	NEWTON PER SQUARE CENTIMETER
G	POUNDS PER SQUARE INCH GAGE

A*, B*, C*, D*, E*, F*, G*, H*, J*, K* (See Note Preceding MRC AAXH)

ANNG J STEAM CONSUMPTION RATE

Definition: THE RATE AT WHICH STEAM IS CONSUMED BY THE PRIME MOVER WHEN OPERATING AT FULL CAPACITY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ANNGJAB71.3*; ANNGJAC2400.0*)

REPLY CODE	REPLY (AJ86)
AC	KILOGRAMS PER HORSEPOWER-HOUR
AB	POUNDS PER HORSEPOWER-HOUR

D, E, F, G, H, L

ATYH D DRUM SURFACE DESIGN

Definition: THE DESIGN ON THE DRUM SURFACE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATYHDCB*; ATYHDCB$DCC*)

For items with multiple drums having identical surface designs, give only one reply to this requirement.

REPLY CODE	REPLY (AA41)
BT	GROOVED (for cable)
CB	PLAIN
CC	WHELPED (for friction)

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRCS ATWD, ATWE, AND ATWF: FOR MULTIPLE DRUMS MOUNTED ONE BEHIND THE OTHER, FACE THE FRONT SIDE OF THE DRUM CLUSTER; THE FRONT WILL BE THE SIDE THAT THE ROPE OR CABLE IS TAKEN IN ON. THE NEAREST DRUM WILL BE DESIGNATED THE FIRST DRUM. FOR MULTIPLE DRUMS THAT ARE MOUNTED SIDE BY SIDE, FACE THE FRONT OF THE DRUMS AND THE DRUM TO THE EXTREME LEFT WILL BE DESIGNATED THE FIRST DRUM.

D, E, F, G, H (See Note Above)

ATWD	J	DRUM FLANGE TO FLANGE DISTANCE AND LOCATION

Definition: THE DISTANCE BETWEEN FLANGES ON THE DRUM, AND THE LOCATION ON THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from the Tables below, followed by the numeric value. (e.g., ATWDJAAAME56.250*; ATWDJLAAME1422.7*; ATWDJABAME20.000$$JACAME21.000*; ATWDJABAME56.250$$JACAME56.265$$JABAMF48.000$$JACAMF48.125*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

Table 3

REPLY CODE	REPLY (AJ91)
AMJ	FIFTH DRUM
AME	FIRST DRUM (single drum)
AMH	FOURTH DRUM
AMF	SECOND DRUM
AMG	THIRD DRUM

APP Key	MRC	Mode Code	Requirements

D, E, F, G, H, L (See Note Preceding MRC ATWD)

ATWE J DRUM DIAMETER AND LOCATION

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE DRUM, AND TERMINATES AT THE CIRCUMFERENCE, AND ITS LOCATION ON THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from the Tables below, followed by the numeric value. (e.g., ATWEJAAAME14.500*; ATWEJLAAME119.8*; ATWEJABAME14.000$$JACAME14.500*; ATWEJABAME14.500$$JACAME14.750$$JABAMF12.500$$JACAMF12.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

Table 3

REPLY CODE	REPLY (AJ91)
AMJ	FIFTH DRUM
AME	FIRST DRUM (single drum)
AMH	FOURTH DRUM
AMF	SECOND DRUM
AMG	THIRD DRUM

D, E*, F, G, H, L* (See Note Preceding MRC ATWD)

ATWF J DRUM FLANGE DIAMETER AND LOCATION

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE DRUM FLANGE, AND TERMINATES AT THE CIRCUMFERENCE, AND ITS LOCATION ON THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from the Tables below, followed by the numeric value. (e.g., ATWFJAAAME18.500*; ATWFJLAAME221.4*; ATWFJABAME18.500$$JACAME18.525*; ATWEJABAME14.500$$JACAME14.750$$JABAMF12.500$$JACAMF12.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

Table 3

REPLY CODE	REPLY (AJ91)
AMJ	FIFTH DRUM
AME	FIRST DRUM (single drum)
AMH	FOURTH DRUM
AMF	SECOND DRUM
AMG	THIRD DRUM

A*, F*, G*, H*, J*, K*, L*

ATWG D CAPSTAN SPOOL MOUNTING POSITION

Definition: AN INDICATION OF THE CAPSTAN SPOOL(S) MOUNTING POSITION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATWGDD*)

For items with multiple capstan spools having identical mounting positions, give only one reply to this requirement.

REPLY CODE	REPLY (AC60)
B	HORIZONTAL

APP Key	MRC	Mode Code	Requirements
		D	VERTICAL

NOTE FOR MRCS ATWH, ATWJ, AND ATWK: REPLY TO THESE MRCS, IF REPLY CODE D OR B IS ENTERED IN REPLY TO MRC ATWG.

A*, F*, G*, H*, J*, K*, L* (See Note Above)

ATWH L CAPSTAN SPOOL STYLE

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE CAPSTAN SPOOL.

Reply Instructions: Enter the applicable style designator from Appendix B , Reference Drawing Group A. (e.g., ATWHL4*)

A*, F*, G*, H*, J*, K*, L* (See Note Preceding MRC ATWH)

ATWJ D CAPSTAN SPOOL SURFACE DESIGN

Definition: THE DESIGN OF THE CAPSTAN SPOOL SURFACE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATWJDAAK*)

For items with multiple capstan spools having identical surface designs, give only one reply to this requirement.

REPLY CODE	REPLY (AK39)
AAK	PLAIN (smooth)
BBT	WHELPED (ribbed)

A*, F*, G*, H*, J*, K*, L* (See Note Preceding MRC ATWH)

ATWK A CAPSTAN SPOOL QUANTITY

Definition: THE NUMBER OF CAPSTAN SPOOLS INCLUDED.

Reply Instructions: Enter the quantity. (e.g., ATWKA3*)

K

APP Key	MRC	Mode Code	Requirements
	ATWL	A	WHELPED WHEEL QUANTITY

Definition: THE NUMBER OF WHELPED WHEELS INCLUDED.

Reply Instructions: Enter the quantity. (e.g., ATWLA2*)

K

ATWM	A	WHELP QUANTITY

Definition: THE NUMBER OF WHELPS INCLUDED.

Reply Instructions: Enter the quantity. (e.g., ATWMA8*)

A*, B*, C*, D*, E*, G*, H*, J*, K*

ATWN	J	LOAD LIMIT AT SELECTED SPEED AND DRUM LOCATION

Definition: THE TOTAL LOAD THE ITEM IS CAPABLE OF MOVING AT SELECTED SPEEDS AND THE DRUM LOCATION.

Reply Instructions: Enter the applicable Reply Codes from the Tables below, followed by the numeric value. (e.g., ATWNJASAAABAME11000.0*; ATWNJAJAAABAME4989.6*)

For two speed or multiple speed units, use Identified Secondary Address Coding and AND coding ($$) as applicable, entering from the lowest to the highest speed the total pounds pull for each speed and applicable drum. (e.g., ATWNJASAAABAME11000.0$$JASAAACAME10000.0*; ATWNJASAAABAME11000.0$$JASAAABAMF10000.0$$JASAAACAMF12000.0$$JASAAADAMG11500.0*)

For variable speed items, enter the load limit at maximum speed.

Table 1

REPLY CODE	REPLY (AG67)
AJ	KILOGRAMS
AS	POUNDS

Table 2

REPLY CODE	REPLY (AN50) (low speed)
AAAF	FIFTH SPEED

APP Key	MRC	Mode Code	Requirements
		AAAE	FOURTH SPEED
		AAAC	SECOND SPEED
		AAAH	SEVENTH SPEED
		AAAB	SINGLE SPEED
		AAAD	THIRD SPEED
		AAAJ	ZERO TO FULL SPEED (variable speed)

Table 3

REPLY CODE	REPLY (AJ91)
AMJ	FIFTH DRUM
AME	FIRST DRUM (single drum)
AMH	FOURTH DRUM
AMF	SECOND DRUM
AMG	THIRD DRUM

A*, B*, C*, D*, E*, G*, H*, J*, K*

ATWP J TRAVEL RATE PER MINUTE

Definition: THE DISTANCE THAT THE ITEM WILL MOVE PER MINUTE, PER SPECIFIC MEASUREMENT SCALE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ATWPJF25.0*; ATWPJM7.6*)

For single or variable speed units, enter the distance in feet or meters per minute that the unit will move the load.

For two speed or multiple speed units, use AND coding ($$) entering the distance in feet or meters per minute for each speed. List the speeds in the same sequence as established for MRC ATWN. (e.g., ATWPJF25.0$$JF50.0$$JF100.0*)

For variable speed items, enter the load limit at maximum speed.

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

H*

ATWQ A REVERSE SPEED QUANTITY

APP Key	MRC	Mode Code	Requirements

Definition: THE NUMBER OF REVERSE SPEEDS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., ATWQA2*)

The reverse speeds are associated with the revolvable drum(s) and not the prime mover.

A*, B*, C*, F* ,J*, K*

ATWR D MECHANICAL ADVANTAGE METHOD

Definition: THE MEANS USED TO GAIN A MECHANICAL ADVANTAGE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATWRDAABH*)

REPLY CODE	REPLY (AC58)
AABH	CRANK
AABJ	DIFFERENTIAL
AAJS	HAND WHEEL
AAAH	LEVER
ABF	MULTIPLE GEAR
AABM	PLANETARY GEAR
AABK	SPUR GEAR
AABL	WORM GEAR

ALL*

ATWS D BRAKING METHOD

Definition: THE MEANS BY WHICH THE BRAKING ACTION IS APPLIED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATWSDAAG*; ATWSDAAE$$DAAG*)

REPLY CODE	REPLY (AK88)
AAE	ELECTRIC
AAG	MANUAL
AAP	MECHANICAL

B, C

APP Key	MRC	Mode Code	Requirements
	ATWT	A	HOOK QUANTITY

Definition: THE NUMBER OF HOOKS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., ATWTA2*)

B, C

ATWW	A	LOAD ELEMENT QUANTITY PER HOOK

Definition: THE NUMBER OF ELEMENTS PER HOOK, WHICH ARE LOAD BEARING.

Reply Instructions: Enter the quantity. (e.g., ATWWA2*)

B*, C*

ATWX	J	CENTER TO CENTER DISTANCE BETWEEN LOAD ELEMENTS

Definition: THE DISTANCE BETWEEN THE CENTERS OF THE LOAD ELEMENTS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ATWXJFA3.250*; ATWXJMA1.0*; ATWXJFB4.250$$JFC4.281*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

B, K

AJXY	D	CHAIN TYPE

APP Key	MRC	Mode Code	Requirements

Definition: INDICATES THE TYPE OF CHAIN BY THE FABRICATED SHAPE AND/OR STYLE OF LINK.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJXYDAC*; AJXYDAD$DAE*)

REPLY CODE	REPLY (AG09)
AD	DIE LOCK LINK
AE	PROOF COIL (round steel chain)
AF	ROLLER LINK
AC	STUD LINK

B, K

AWRC J CHAIN MATERIAL DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE MATERIAL OF WHICH THE CHAIN LINKS ARE MADE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AWRCJAA0.312*; AWRCJLA12.7*; AWRCJAB0.375$$JAC0.391*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

F

ATWZ D GEAR MECHANICAL ADVANTAGE

APP Key	MRC	Mode Code	Requirements

THE APPROXIMATE MECHANICAL ADVANTAGE OR POWER/STRENGTH GAINED THROUGH THE USE OF TWO OR MORE GEARS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATWZDAAG*; ATWZDAAF$DAAG*)

REPLY CODE	REPLY (AL19)
AAG	DOUBLE
AAF	SINGLE
AAH	TRIPLE

A*, G*, H*, J*, K*

AXJD D TRANSMISSION TYPE

Definition: INDICATES THE TYPE OF TRANSMISSION USED TO TRANSFER DEVELOPED MECHANICAL ENERGY TO THE DRIVE UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXJDDAL*)

REPLY CODE	REPLY (AM54)
AL	AUTOMATIC
AM	MANUAL

G*, H*, J*

ATXA D CLUTCH TYPE

Definition: INDICATES THE TYPE OF CLUTCH PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATXADCF*)

REPLY CODE	REPLY (AG25)
CG	AIR OPERATED
A	ANY ACCEPTABLE
AF	FRICTION
CF	POSITIVE

APP Key	MRC	Mode Code	Requirements

H

ATXB D RETRIEVAL WINDING METHOD

Definition: THE MEANS BY WHICH AN ITEM IS RETRIEVED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATXBDAE*)

REPLY CODE	REPLY (AL27)
AE	OVERWIND
AF	UNDERWIND

NOTE FOR MRC ATXC: THE LEFT OR RIGHT SIDE OF A DRUM WILL BE DETERMINED WHILE FACING THE FRONT OF THE DRUM. THE FRONT WILL BE THE SIDE THE ROPE OR CABLE IS TAKEN IN ON.

H (See Note Above)

ATXC J GEAR HOUSING LOCATION AND QUANTITY

Definition: INDICATES THE GEAR HOUSING LOCATION ON THE ITEM AND THE NUMBER OF EACH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the quantity. (e.g., ATXCJAMY1*; ATXCJAMX1$$JAMY2*)

REPLY CODE	REPLY (AJ91)
AMW	BETWEEN DRUMS
AMZ	EACH SIDE OF DRUM
AMX	LEFT OF DRUM
AMY	RIGHT OF DRUM

H

ATXD D DRIVE END LOCATION

Definition: INDICATES THE LOCATION OF THE DRIVE END(S) ON THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATXDDANA*)

REPLY CODE	REPLY (AJ91)
A	ANY ACCEPTABLE
ANB	OPPOSITE SIDES
ANA	SAME SIDE

K

ATXE D SHAFT MOUNTING POSITION

Definition: AN INDICATION OF THE SHAFT MOUNTING POSITION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATXEDB*)

REPLY CODE	REPLY (AC60)
B	HORIZONTAL
D	VERTICAL

B, C

AWEH D SUSPENSION MOUNTING METHOD

Definition: THE MEANS USED IN SUSPENSION MOUNTING OF AN ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWEHDBJD*; AWEHDABB$DAGG*)

REPLY CODE	REPLY (AM39)
ABB	BASE
AGG	HOOK
ABN	LUG
BJD	TROLLEY

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRCS AWEJ, AWEK, AGBP, AND AWEW: IF REPLY CODE AGG IS ENTERED IN REPLY TO MRC AWEH, REPLY TO MRC AWEW. IF REPLY CODE BJD IS ENTERED IN REPLY TO MRC AWEH, REPLY TO MRCS AWEJ, AWEK, AND AGBP. IF REPLY CODE ABN OR ABB IS ENTERED IN REPLY TO MRC AWEH, REPLY TO MRC AGBP.

B*, C* (See Note Above)

AWEJ L TROLLEY SUSPENSION STYLE

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE TROLLEY SUSPENSION.

Reply Instructions: Enter the applicable style designator from Appendix B , Reference Drawing Group B. (e.g., AWEJL1*)

B*, C* (See Note Preceding MRC AWEJ)

AWEK D TROLLEY TYPE

Definition: INDICATES THE TYPE OF TROLLEY PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWEKDAABP*)

REPLY CODE	REPLY (AC58)
AABN	HAND GEARED
AABP	MOTOR DRIVEN
AABQ	PLAIN

NOTE FOR MRC AWEL: REPLY TO THIS MRC, IF REPLY CODE AABP IS ENTERED IN REPLY TO MRC AWEK.

B*, C* (See Note Above)

AWEL J MAXIMUM TRAVERSING SPEED

Definition: THE MAXIMUM RATED TRAVERSING SPEED OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AWELJB50.0*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA22)
B	FEET PER MINUTE
C	METERS PER MINUTE

B*, C* (See Note Preceding MRC AWEJ)

AGBP J MAXIMUM LIFT HEIGHT

Definition: THE MAXIMUM HEIGHT THE ITEM IS CAPABLE OF RAISING AN OBJECT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AGBPJF52.5*)

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

B*, C* (See Note Preceding MRC AWEJ)

AWEW J RAISED POSITION DISTANCE BETWEEN SUSPENSION HOOK AND LOAD HOOK BEARING SURFACE

Definition: THE DISTANCE MEASURED ALONG A VERTICAL LINE FROM THE SUSPENSION HOOK BEARING SURFACE TO THE LOAD HOOK BEARING SURFACE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AWEWJAA18.000*; AWEWJLA457.2*; AWEWJAB20.125$$JAC20.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL

APP Key	MRC	Mode Code	Requirements
		B	MINIMUM
		C	MAXIMUM

A*, B*, C*, F*, J*, K*, L*

AYXK J MAXIMUM LOAD RATING

Definition: THE MAXIMUM RATED LOAD THE ITEM IS DESIGNED TO ACCOMMODATE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AYXKJAS2500.0*; AYXKJAJ1134.0*)

REPLY CODE	REPLY (AG67)
AJ	KILOGRAMS
AS	POUNDS

B, C

BBJX D MOUNTING POSITION

Definition: THE INSTALLED POSITION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBJXDABR*)

REPLY CODE	REPLY (AM84)
A	ANY ACCEPTABLE
ABR	PARALLEL
ABS	RIGHT ANGLE (cross)

H

AWEX J WINCH LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A WINCH, IN DISTINCTION FROM WIDTH.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AWEXJAA28.375*; AWEXJLA711.2*; AWEXJAB29.125$$JAC29.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

H*

AWEY J MOUNTING FRAME LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE MOUNTING FRAME, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AWEYJAA42.500*; AWEYJLA1066.8*; AWEYJAB43.125$$JAC43.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

H*

AWEZ J MOUNTING FRAME WIDTH

APP Key	MRC	Mode Code	Requirements

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE MOUNTING FRAME, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AWEZJAA18.250*; AWEZJLA463.6*; AWEZJAB19.500$$JAC19.750*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

E

AWFA D DRUM DESIGNATION

Definition: A DESIGNATION BY WHICH THE DRUM IS IDENTIFIED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWFADABM*; AWFADABM$DABN*)

When facing the open end of the width drum case, the power is mounted on the right side of the drum case on a right-hand winch, and on the left side of the drum case on a left-hand winch.

REPLY CODE	REPLY (AH21)
ABM	LEFT-HAND
ABN	RIGHT-HAND

ALL*

ACSY J FURNISHED ITEMS AND QUANTITY

APP Key	MRC	Mode Code	Requirements

Definition: THE NAME AND NUMBER OF THOSE PARTS FURNISHED WITH THE ITEM OF SUPPLY THAT HAVE NOT BEEN SPECIFIED ELSEWHERE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1, followed by the quantity. (e.g., ACSYJML1*; ACSYJML1$$JNA1*)

ALL*

FEAT G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*

TEST J TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in

APP Key	MRC	Mode Code	Requirements
			specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
		B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)
		C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

APP Key	MRC	Mode Code	Requirements

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

APP Key	MRC	Mode Code	Requirements
			Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD. Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)
ALL*	ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
			Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS. Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)
ALL*	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
			Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS. Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)
ALL*	CRTL	A	CRITICALITY CODE JUSTIFICATION

APP Key	MRC	Mode Code	Requirements

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL* (See Note Above)

PRPY A PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

ALL*

ELRN G EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

APP Key	MRC	Mode Code	Requirements

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD	D	EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)
A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION III

APP Key	MRC	Mode Code	Requirements

ALL

AJAF	J	UNPACKAGED UNIT LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF AN ITEM UNENCUMBERED BY PACKAGING OR PACKING, IN DISTINCTON FROM WIDTH.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from Tables 1 and 2 below, followed by the numeric value. (e.g., AJAFJAA37.50*; AJAFJLA939.8*; AJAFJAB37.50$$JAC38.00*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AJAG J UNPACKAGED UNIT WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM UNENCUMBERED BY PACKAGING OR PACKING, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AJAGJAA27.50*; AJAGJLA685.8*; AJAGJAB27.50$$JAC28.50*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AJAH J UNPACKAGED UNIT HEIGHT

APP Key	MRC	Mode Code	Requirements

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN ITEM UNENCUMBERED BY PACKAGING OR PACKING, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AJAHJAA21.50*; AJAHJLA546.1*; AJAHJAB21.50$$JAC22.50*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BBRG D STORAGE TYPE

Definition: INDICATES THE TYPE OF STORAGE SPACE REQUIRED FOR AN ITEM IN ORDER TO PROVIDE THE DEGREE OF PROTECTION NECESSARY TO MAINTAIN SERVICEABILITY STANDARDS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBRGDAC*; BBRGDAC$$DAN*)

REPLY CODE	REPLY (AM81)
AC	CLOSED SHED
AD	CONTROLLED HUMIDITY WAREHOUSE
AM	DEHUMIDIFIED WAREHOUSE
AE	GENERAL PURPOSE WAREHOUSE
AN	HEATED WAREHOUSE
AH	OPEN SHED
AJ	UNHEATED WAREHOUSE

ALL

AFJM D INSPECTION FREQUENCY

APP Key	MRC	Mode Code	Requirements

Definition: THE SPECIFIED TIME INTERVAL NECESSARY TO DETECT MATERIAL DETERIORATION THAT WILL AFFECT STOCK READINESS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJMDAB*)

REPLY CODE	REPLY (AD38)
AG	EIGHTEEN MONTHS FROM RECEIPT AND EVERY TWO YEARS THEREAFTER
AB	ONE YEAR FROM RECEIPT AND EVERY YEAR THEREAFTER
AF	TWO YEARS FROM RECEIPT AND EVERY FOUR YEARS THEREAFTER
AE	TWO YEARS FROM RECEIPT AND EVERY THREE YEARS THEREAFTER
AD	TWO YEARS FROM RECEIPT AND EVERY TWO YEARS THEREAFTER
AC	TWO YEARS FROM RECEIPT AND EVERY YEAR THEREAFTER

ALL

BBRJ D SPECIAL HANDLING FEATURE

Definition: THE UNUSUAL OR UNIQUE CHARACTERISTIC(S) OR QUALITY(IES) OF AN ITEM WHICH NECESSITATES THE ESTABLISHMENT OF A REQUIREMENT FOR SPECIAL HANDLING.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBRJDAK*)

REPLY CODE	REPLY (AM83)
AS	CORROSIVE LIQUID
AD	FLAMMABLE
AK	MAGNETIC

ALL

AWFJ D CHAIN MOUNTING CHARACTERISTIC

Definition: AN INDICATION OF THE MOUNTING CHARACTERISTIC(S) OF THE CHAIN(S).

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWFJDAX*)

REPLY CODE	REPLY (AG85)
BA	EXPOSED
AX	INCLOSED

ALL

AWFK D GEAR MOUNTING CHARACTERISTIC

Definition: AN INDICATION OF THE MOUNTING CHARACTERISTIC(S) OF THE GEAR(S).

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWFKDAX*)

REPLY CODE	REPLY (AG85)
BA	EXPOSED
AX	INCLOSED

ALL

AEXS D BATTERY TYPE

Definition: INDICATES THE TYPE OF BATTERY(IES) USED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AEXSDB*)

REPLY CODE	REPLY (AD57)
B	DRY
K	WET-NONSPILLABLE
J	WET-SPILLABLE

ALL

AEXT D BATTERY ELECTROLYTE

Definition: THE COMPOSITION OF THE ELECTROLYTE USED IN THE BATTERY.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AEXTDB*)

REPLY CODE	REPLY (AD52)
B	ACID
C	ALKALINE
A	ANY ACCEPTABLE
J	MERCURY
K	SAL AMMONIAC (leclanche)

ALL

AWFM D BRAKE FACE TYPE

Definition: INDICATES THE TYPE OF BRAKE FACE(S) PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWFMDAW*)

REPLY CODE	REPLY (AG89)
AT	COMPOSITION
AW	METAL TO METAL

ALL

AFJK J CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJF10.25*)

REPLY CODE	REPLY (AD42)
F	CUBIC FEET
E	CUBIC METERS

ALL

SUPP G SUPPLEMENTARY FEATURES

APP Key	MRC	Mode Code	Requirements

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL

FCLS A FUNCTIONAL CLASSIFICATION

Definition: THE ALPHA-NUMERIC DESIGNATION THAT IDENTIFIES THE CLASSIFICATION OF THE ITEM ACCORDING TO THE CATERGORY OF FUNCTIONS PERFORMED.

Reply Instructions: Enter the reply from the applicable document. (e.g., FCLSAHH-1.5*)

ALL

FTLD G FUNCTIONAL DESCRIPTION

Definition: DESCRIBES THE CAPABILITIES, INTENDED USE, AND/OR PURPOSE FOR WHICH THE ITEM IS PROVIDED.

Reply Instructions: Enter description of function as concisely as possible (e.g., FTLDGUSED TO INSTALL/REMOVE ENGINE NACELLE*)

ALL

TMDN A TYPE/MODEL DESIGNATION

Definition: THE ALPHA-NUMERIC-ALPHA DESIGNATION USED TO IDENTIFY THE TYPE AND/OR MODEL OF THE BASIC ITEM.

Reply Instructions: Enter the appropriate designation data. (e.g., TMDNAMSV-615/M*)

ALL

RTSE G RELATIONSHIP TO SIMILAR EQUIPMENT

Definition: INDICATES THE RELATIONSHIP, SUCH AS CONSTRUCTION, CAPABILITIES, AND THE LIKE, OF THE ITEM TO A SIMILAR ITEM.

APP Key	MRC	Mode Code	Requirements
			Reply Instructions: Enter concise statement for similar item including name and identifying data. (e.g., RTSEGSIMILAR TO LOCKHEED OVERWING ENGINE HOIST P/N 61521-58*)
ALL			
	RDAL	G	REFERENCE DATA AND LITERATURE
			Definition: LITERATURE AND REFERENCES AVAILABLE FOR INFORMATION PERTAINING TO THE ITEM.
			Reply Instructions: Enter data appropriate and in a concise manner to identify informational references covering the item. (e.g., RDALGNAAVAIROIA/VFK58 A-2.2.9*)
ALL			
	NTRD	A	ENTRY DATE
			Definition: INDICATES THE DATE THE ITEM WAS ENTERED INTO MIL-HDBK-300.
			Reply Instructions: Enter the date structured in three hyphenated 2 position segments to indicate the last 2 digits of the calendar year, month, and day. (e.g., NTRDA 80-05-28*)
ALL			
	ZZZV	G	FSC APPLICATION DATA
			Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.
			Reply Instructions: Enter the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)
ALL			
	AGAV	G	END ITEM IDENTIFICATION
			Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.
			Reply Intructions: Enter the reply in clear text.

APP Key	MRC	Mode Code	Requirements

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

ALL

CXCY G PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

Reply Intructions: Enter the reply in clear text.

(e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)

ALL

HZRD D HAZARDOUS SUBSTANCES

Definition: THE SUBSTANCES AND/OR MATERIALS CONTAINED IN THE ITEM THAT HAVE BEEN IDENTIFIED AS HAZARDOUS OR ENVIRONMENTALLY DAMAGING BY THE ENVIRONMENTAL PROTECTION AGENCY OR OTHER AUTHORIZED GOVERNMENT AGENCY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., HZRDDHAZ020 *; HZRDDHAZ014$$DHAZ020*)

REPLY CODE	REPLY (HZ00)
HAZ014	CORROSIVE LIQUID
HAZ020	FLAMMABLE

Reply Tables

Table 1 - FURNISHED ITEMS
FURNISHED ITEMS

REPLY CODE	REPLY (AB87)
QH	AIR EXHAUST SILENCER
QJ	AIR FILTER
QK	AIR HOSE
ND	AMERICAN BUREAU OF SHIPPING SPARES
NG	AUTOMATIC SAFETY BRAKE
NC	BALL
MT	BOOM EXTENSION
MR	BOOM SWINGER
NE	BRACKET FOR FIXED SUSPENSION
MP	CONSTANT TENSIONING DEVICE
MW	FRAME
MN	LEVEL WINDING DEVICE
ML	MOTOR CONTROLLER
NF	MOUNTING BASE
QL	OIL LUBRICATOR
MM	PAWL AND RATCHET
MS	PAY OUT MECHANISM
MX	PULLEY
MQ	REMOTE CONTROL
NA	SAFETY SNAP HOOK
MZ	SELF-LOCKING HOOK
LC	SHIELD
CX	SPRING
NB	TERMINAL
CL	WIRE ROPE

Table 2 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX

REPLY CODE	REPLY (AD08)
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN

REPLY CODE	REPLY (AD08)
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

REFERENCE DRAWING GROUP A Tables
CAPSTAN SPOOL STYLES

Enter the applicable Reply Codes from Tables 1, 2 and 3 below, followed by the numeric value. For items with multiple capstan spools having identical dimensional data, enter only one reply. For items with multiple capstan spools having different dimensional data enter replies in Table 3 sequence. Style 1 is a single spool with a double head. (e.g., AWFBJAAANX6.125*; AWFBJLAANX152.5*; AWFBJABANX6.000$$JACANX6.125$$JABANY7.000$$JACANY7.125*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

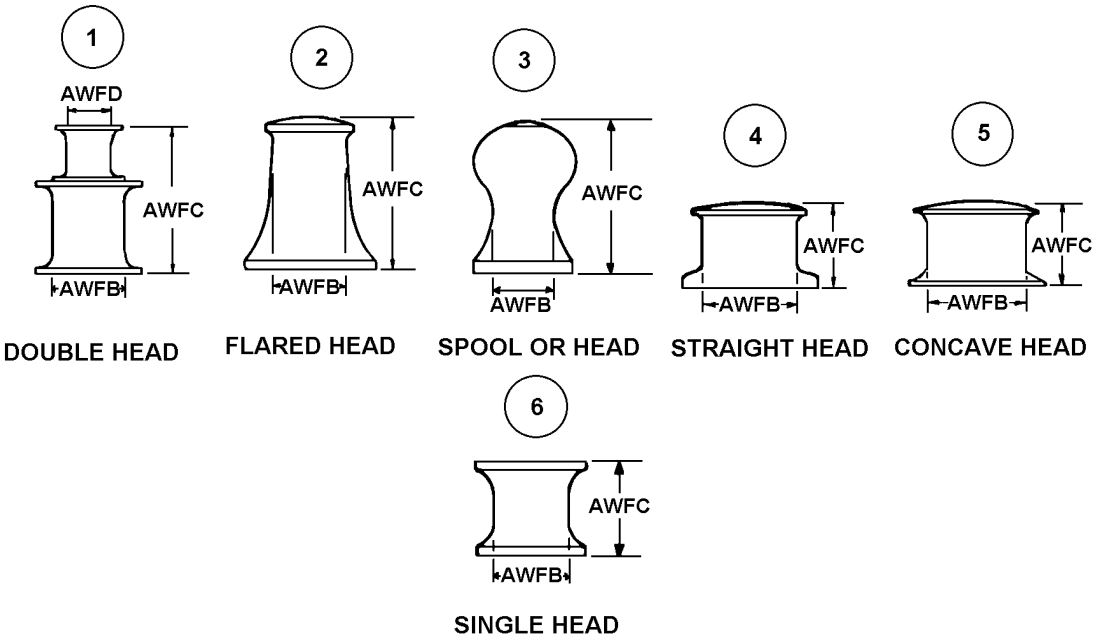
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

REPLY CODE	REPLY (AJ91)
APB	FIFTH SPOOL
ANX	FIRST SPOOL (single
APA	FOURTH SPOOL
ANY	SECOND SPOOL
ANZ	THIRD SPOOL

MRC	Mode Code	Name of Dimension
AWFB	J	LARGEST DIAMETER AND LOCATION
AWFC	J	OVERALL LENGTH AND LOCATION
AWFD	J	SMALLEST DIAMETER AND LOCATION

REFERENCE DRAWING GROUP A

CAPSTAN SPOOL STYLES



REFERENCE DRAWING GROUP B Tables
TROLLEY SUSPENSION STYLES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AWFFJAA6.375*; AWFFJLA171.5*; AWFFJAB6.000$$JAC6.125*)

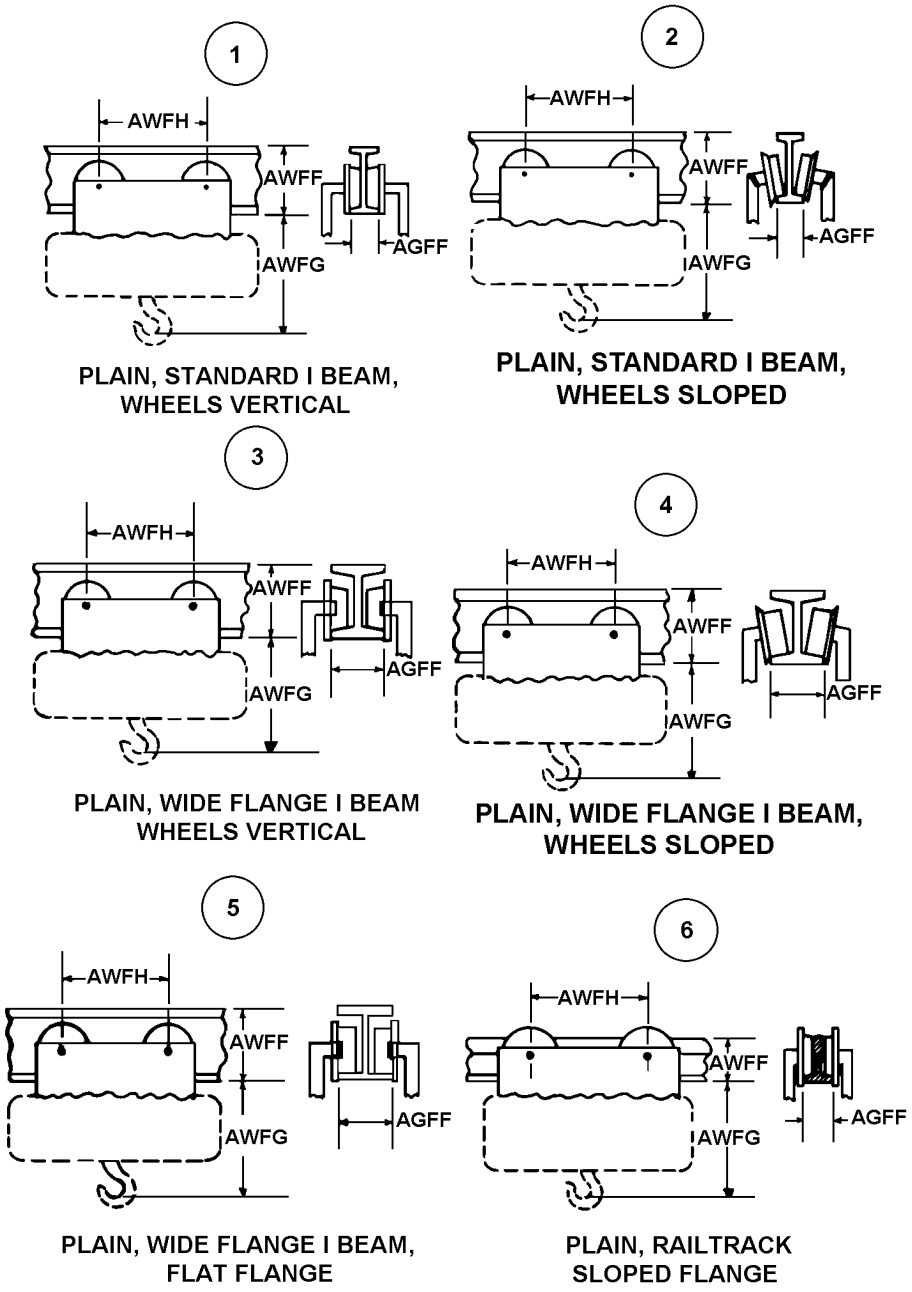
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

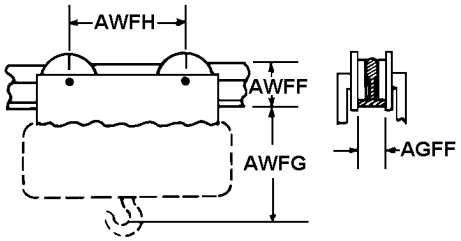
MRC	Mode Code	Name of Dimension
AGFF	J	FLANGE WIDTH
AWFF	J	TRACK HEIGHT
AWFG	J	TRACK UNDERSIDE DISTANCE TO LOAD HOOK BEARING SURFACE IN FULLY RAISED POSITION
AWFH	J	WHEEL CENTER TO CENTER DISTANCE

REFERENCE DRAWING GROUP B

TROLLEY SUSPENSION STYLES

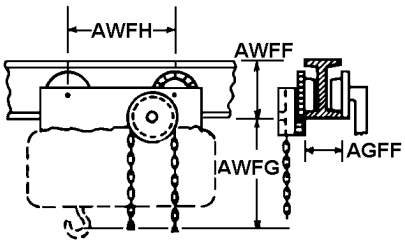


7



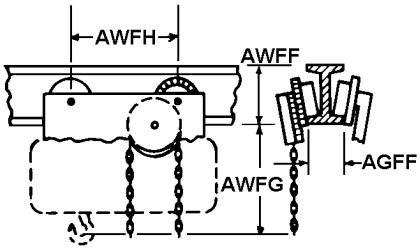
PLAIN, RAILTRACK
FLAT FLANGE

8



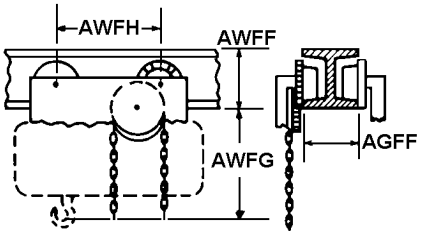
GEARED, STANDARD I BEAM,
WHEELS, VERTICAL

9

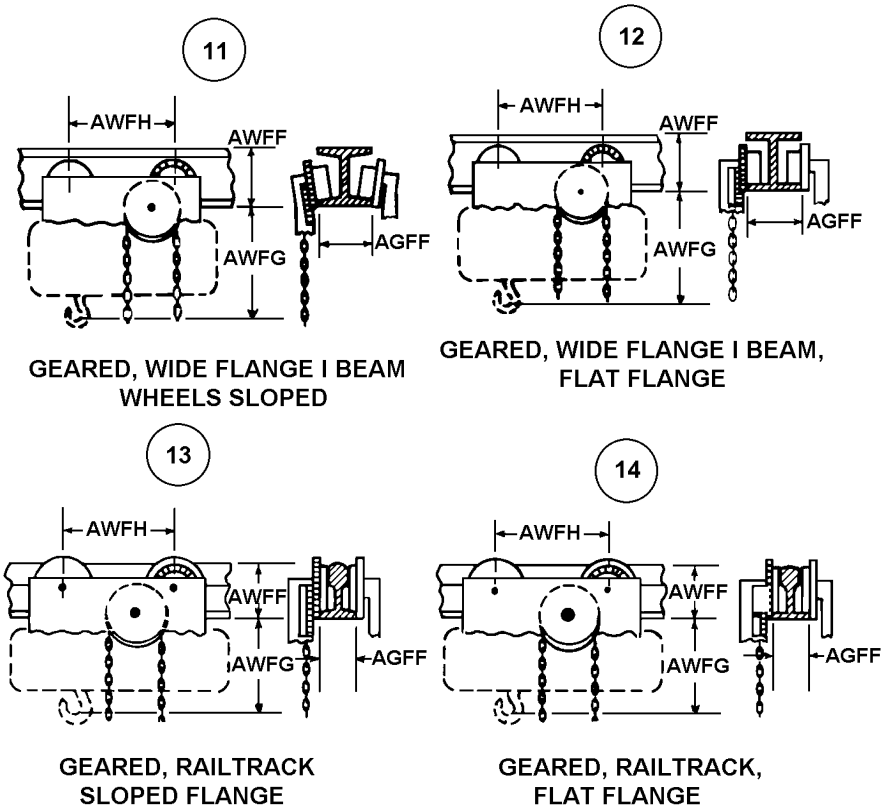


GEARED, STANDARD I BEAM,
WHEELS SLOPED

10



GEARED, WIDE FLANGE I BEAM,
WHEELS VERTICAL


11
AWFH
AWFF
AWFG
AGFF
GEARED, WIDE FLANGE I BEAM
WHEELS SLOPED
12
AWFH
AWFF
AWFG
AGFF
GEARED, WIDE FLANGE I BEAM,
FLAT FLANGE
13
AWFH
AWFF
AWFG
AGFF
GEARED, RAILTRACK
SLOPED FLANGE
14
AWFH
AWFF
AWFG
AGFF
GEARED, RAILTRACK,
FLAT FLANGE

Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	------	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

FIIG Change List

FIIG Change List, Effective January 1, 2010

Remove SAC Coding and use AND ($$) Coding for MRC's ELEC, FREQ, FAAZ, ATWD, ATWE, ATWF and ATWN.